

Analyte	CAS.NO	Units	RSL Summary 05/2018 Resident Soil	Site Specific Cleanup Levels	Station	BKFL	BKFL	BKFL
					Sample ID	FJD-BKFL-20181114-51	FJD-SLST-20181114-51	FJD-TPSL-20181114-51
					Depth	6"-6"	6"-6"	6"-6"
					Date	11/14/2018	11/14/2018	11/14/2018
					Type	FS	FS	FS
Aroclors								
Aroclor 1016	12674-11-2	mg/Kg	4.1		--	0.00483 U	0.00426 U	0.0042 U
Aroclor 1221	11104-28-2	mg/Kg	0.2		--	0.00965 U	0.00851 U	0.0084 U
Aroclor 1232	11141-16-5	mg/Kg	0.17		--	0.00617 U	0.00544 U	0.00537 U
Aroclor 1248	12672-29-6	mg/Kg	0.23		--	0.00515 U	0.00453 U	0.00448 U
Aroclor 1254	11097-69-1	mg/Kg	0.24		--	0.00442 U	0.00389 U	0.00384 U
Aroclor 1260	11096-82-5	mg/Kg	0.24		--	0.00722 U	0.00636 U	0.00628 U
Aroclor 1268	11100-14-4	mg/Kg			--	0.0058 U	0.00511 U	0.00504 U
Aroclor-1242	53469-21-9	mg/Kg	0.23		--	0.00429 U	0.00378 U	0.00373 U
Aroclor-1262	37324-23-5	mg/Kg			--	0.00656 U	0.00578 U	0.00571 U
COC-Metals								
Arsenic	7440-38-2	mg/Kg	0.68	20	--	2.76	2.78	1.73
Cobalt	7440-48-4	mg/Kg	23	23	--	9.27	3.97	4.93
Copper	7440-50-8	mg/Kg	3100	3100	--	10.5	3.68	4.19
Lead	7439-92-1	mg/Kg	400	400	--	10.6	6.17	7.19
Manganese	7439-96-5	mg/Kg	1800	1800	--	340	253	296
COC-SVOCs								
Benzo(a)anthracene	56-55-3	mg/Kg	1.1	11	--	0.00934 U	0.00829 U	0.00824 U
Benzo(a)pyrene	50-32-8	mg/Kg	0.11	1.1	--	0.0133 U	0.0118 U	0.0117 U
Benzo(b)fluoranthene	205-99-2	mg/Kg	1.1	11	--	0.0169 U	0.015 U	0.0149 U
Dibenz(a,h)anthracene	53-70-3	mg/Kg	0.11	1.1	--	0.0234 U	0.0208 U	0.0207 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/Kg	1.1	11	--	0.0179 U	0.0159 U	0.0158 U
GC/MS Semi-Volatiles								
1,4-Dioxane	123-91-1	mg/Kg	5.3		--	0.016 U	0.0142 U	0.0141 U
Herbicides								
2,4,5-T	93-76-5	mg/Kg	630		--	0.00547 U	0.00482 U	0.00479 U
2,4,5-TP (Silvex)	93-72-1	mg/Kg	510		--	0.00547 U	0.00482 U	0.00479 U
2,4'-D	94-75-7	mg/Kg	700		--	0.00547 U	0.00482 U	0.00479 U
2,4-DB	94-82-6	mg/Kg	1900		--	0.00547 U	0.00482 U	0.00479 U
Dalapon	75-99-0	mg/Kg	1900		--	0.00547 U	0.00482 U	0.00479 U
Dicamba	1918-00-9	mg/Kg	1900		--	0.00547 U	0.00482 U	0.00479 U
Dichloroprop	120-36-5	mg/Kg			--	0.00547 U	0.00482 U	0.00479 U
Dinoseb	88-85-7	mg/Kg	63		--	0.00547 U	0.00482 U	0.00479 U
MCPA	94-74-6	mg/Kg	32		--	0.547 U	0.482 U	0.479 U
CPPP	93-65-2	mg/Kg	63		--	0.547 U	0.482 U	0.479 U
Pentachlorophenol	87-86-5	mg/Kg	1		--	0.00547 U	0.00482 U	0.00479 U
Metals								
Aluminum	7429-90-5	mg/Kg	77000		--	13500	5800	5160



Antimony	7440-36-0	mg/Kg	31		--	0.25 U	0.23 U	0.221 U
Barium	7440-39-3	mg/Kg	15000		--	162	64.2	70.2
Beryllium	7440-41-7	mg/Kg	160		--	1.33	0.475	0.471
Cadmium	7440-43-9	mg/Kg	71		--	0.125 U	0.115 U	0.111 U
Calcium	7440-70-2	mg/Kg			--	4470	1520	1110
Chromium	7440-47-3	mg/Kg			--	15.8	4.26	8.17
Iron	7439-89-6	mg/Kg	55000		--	15200	5090	6580
Magnesium	7439-95-4	mg/Kg			--	3290	726	698
Mercury	7439-97-6	mg/Kg	11		--	0.0063 U	0.0054 U	0.0061 J
Nickel	7440-02-0	mg/Kg	1500		--	17.5	5.33	4.48
Potassium	7440-09-7	mg/Kg			--	1470	491	398
Selenium	7782-49-2	mg/Kg	390		--	0.125 U	0.115 U	0.111 U
Silver	7440-22-4	mg/Kg	390		--	0.125 U	0.115 U	0.111 U
Sodium	7440-23-5	mg/Kg			--	333	412	86.9
Thallium	7440-28-0	mg/Kg	0.78		--	0.137 J	0.115 U	0.111 U
Vanadium	7440-62-2	mg/Kg	390		--	23.2	12.5	16.2
Zinc	7440-66-6	mg/Kg	23000		--	31.3	7.9 J	12.4
Pesticides								
4,4'-DDD	72-54-8	mg/Kg	1.9		--	0.000352 U	0.00031 U	0.000308 U
4,4'-DDE	72-55-9	mg/Kg	2		--	0.000365 U	0.000321 U	0.000319 U
4,4'-DDT	50-29-3	mg/Kg	1.9		--	0.000443 U	0.00039 U	0.000388 U
Aldrin	309-00-2	mg/Kg	0.039		--	0.000339 U	0.000298 U	0.000297 U
alpha-BHC	319-84-6	mg/Kg	0.086		--	0.000313 U	0.000275 U	0.000274 U
alpha-Chlordane	5103-71-9	mg/Kg			--	0.000417 U	0.000367 U	0.000365 U
beta-BHC	319-85-7	mg/Kg	0.3		--	0.000443 U	0.00039 U	0.000388 U
delta-BHC	319-86-8	mg/Kg			--	0.000326 U	0.000287 U	0.000285 U
Dieldrin	60-57-1	mg/Kg	0.034		--	0.000274 U	0.000241 U	0.00024 U
Endosulfan I	959-98-8	mg/Kg			--	0.0003 U	0.000264 U	0.000262 U
Endosulfan II	33213-65-9	mg/Kg			--	0.0003 U	0.000264 U	0.000262 U
Endosulfan sulfate	1031-07-8	mg/Kg			--	0.000339 U	0.000298 U	0.000297 U
Endrin	72-20-8	mg/Kg	19		--	0.00043 U	0.000379 U	0.000376 U
Endrin aldehyde	7421-93-4	mg/Kg			--	0.000469 U	0.000413 U	0.000411 U
Endrin ketone	53494-70-5	mg/Kg			--	0.000365 U	0.000321 U	0.000319 U
gamma-BHC (Lindane)	58-89-9	mg/Kg	0.57		--	0.000313 U	0.000275 U	0.000274 U
gamma-Chlordane	5103-74-2	mg/Kg			--	0.000313 U	0.000275 U	0.000274 U
Heptachlor	76-44-8	mg/Kg	0.13		--	0.000378 U	0.000333 U	0.000331 U
Heptachlor epoxide	1024-57-3	mg/Kg	0.07		--	0.000495 U	0.000436 U	0.000433 U
Methoxychlor	72-43-5	mg/Kg	320		--	0.000508 U	0.000448 U	0.000445 U
Toxaphene	8001-35-2	mg/Kg	0.49		--	0.00543 U	0.00479 U	0.00476 U
Semi-volatiles								
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/Kg	23		--	0.0384 U	0.0341 U	0.0339 U
2,3,4,6-Tetrachlorophenol	58-90-2	mg/Kg	1900		--	0.0595 U	0.0528 U	0.0525 U
2,4,5-Trichlorophenol	95-95-4	mg/Kg	6300		--	0.0267 U	0.0237 U	0.0236 U
2,4,6-Trichlorophenol	88-06-2	mg/Kg	49		--	0.0215 U	0.0191 U	0.0189 U



2,4-Dichlorophenol	120-83-2	mg/Kg	190		--	0.0172 U	0.0153 U	0.0152 U
2,4-Dimethylphenol	105-67-9	mg/Kg	1300		--	0.055 U	0.0488 U	0.0485 U
2,4-Dinitrophenol	51-28-5	mg/Kg	130		--	0.0266 U	0.0236 U	0.0234 U
2,4-Dinitrotoluene	121-14-2	mg/Kg	1.7		--	0.0447 U	0.0396 U	0.0394 U
2,6-Dinitrotoluene	606-20-2	mg/Kg	0.36		--	0.0142 U	0.0126 U	0.0125 U
2-Chloronaphthalene	91-58-7	mg/Kg	4800		--	0.0158 U	0.014 U	0.0139 U
2-Chlorophenol	95-57-8	mg/Kg	390		--	0.0188 U	0.0167 U	0.0166 U
2-Methylnaphthalene	91-57-6	mg/Kg	240		--	0.0153 U	0.0136 U	0.0135 U
2-Nitroaniline	88-74-4	mg/Kg	630		--	0.0106 U	0.00943 U	0.00938 U
2-Nitrophenol	88-75-5	mg/Kg			--	0.0174 U	0.0154 U	0.0153 U
3,3'-Dichlorobenzidine	91-94-1	mg/Kg	1.2		--	0.073 U	0.0647 U	0.0643 U
3-Nitroaniline	99-09-2	mg/Kg			--	0.0977 U	0.0867 U	0.0861 U
4,6-Dinitro-2-methylphenol	534-52-1	mg/Kg	5.1		--	0.0488 U	0.0433 U	0.043 U
4-Bromophenyl phenyl ether	101-55-3	mg/Kg			--	0.0211 U	0.0188 U	0.0186 U
4-Chloro-3-methylphenol	59-50-7	mg/Kg	6300		--	0.0168 U	0.0149 U	0.0148 U
4-Chloroaniline	106-47-8	mg/Kg	2.7		--	0.065 U	0.0577 U	0.0573 U
4-Chlorophenyl-phenylether	7005-72-3	mg/Kg			--	0.00924 U	0.0082 U	0.00814 U
4-Nitroaniline	100-01-6	mg/Kg	27		--	0.0408 U	0.0362 U	0.036 U
4-Nitrophenol	100-02-7	mg/Kg			--	0.356 U	0.316 U	0.314 U
Acenaphthene	83-32-9	mg/Kg	3600		--	0.0091 U	0.00807 U	0.00802 U
Acenaphthylene	208-96-8	mg/Kg			--	0.011 U	0.00976 U	0.0097 U
Acetophenone	98-86-2	mg/Kg	7800		--	0.0284 U	0.0252 U	0.025 U
Anthracene	120-12-7	mg/Kg	18000		--	0.0275 U	0.0244 U	0.0243 U
Atrazine (Aatrex)	1912-24-9	mg/Kg	2.4		--	0.0293 U	0.026 U	0.0258 U
Benzaldehyde	100-52-7	mg/Kg	170		--	0.0537 U	0.0476 U	0.0473 U
Benzo(g,h,i)perylene	191-24-2	mg/Kg			--	0.0102 U	0.00901 U	0.00895 U
Benzo(k)fluoranthene	207-08-9	mg/Kg	11		--	0.0157 U	0.0139 U	0.0139 U
Biphenyl	92-52-4	mg/Kg	47		--	0.0109 U	0.00968 U	0.00962 U
Bis(2-Chloroethoxy)methane	111-91-1	mg/Kg	190		--	0.0272 U	0.0241 U	0.024 U
Bis(2-Chloroethyl)ether	111-44-4	mg/Kg	0.23		--	0.0302 U	0.0268 U	0.0266 U
Bis(2-Chloroisopropyl)ether	108-60-1	mg/Kg	3100		--	0.0188 U	0.0167 U	0.0166 U
Bis(2-Ethylhexyl)phthalate	117-81-7	mg/Kg	39		--	0.0162 U	0.0144 U	0.0143 U
Butyl benzyl phthalate	85-68-7	mg/Kg	290		--	0.0159 U	0.0141 U	0.014 U
Caprolactam	105-60-2	mg/Kg	31000		--	0.0326 U	0.029 U	0.0288 U
Carbazole	86-74-8	mg/Kg			--	0.023 U	0.0204 U	0.0202 U
Chrysene	218-01-9	mg/Kg	110		--	0.0161 U	0.0143 U	0.0142 U
Dibenzofuran	132-64-9	mg/Kg	73		--	0.0142 U	0.0126 U	0.0125 U
Diethyl phthalate	84-66-2	mg/Kg	51000		--	0.038 U	0.0337 U	0.0335 U
Dimethyl phthalate	131-11-3	mg/Kg			--	0.0106 U	0.00945 U	0.00939 U
Di-n-butyl phthalate	84-74-2	mg/Kg	6300		--	0.0288 U	0.0256 U	0.0254 U
Di-n-octyl phthalate	117-84-0	mg/Kg	630		--	0.0208 U	0.0184 U	0.0183 U
Fluoranthene	206-44-0	mg/Kg	2400		--	0.0115 U	0.0102 U	0.0102 U
Fluorene	86-73-7	mg/Kg	2400		--	0.0114 U	0.0101 U	0.01 U
Hexachlorobenzene	118-74-1	mg/Kg	0.21		--	0.00866 U	0.00768 U	0.00763 U



Hexachlorobutadiene	87-68-3	mg/Kg	1.2		--	0.0149 U	0.0132 U	0.0131 U
Hexachlorocyclopentadiene	77-47-4	mg/Kg	1.8		--	0.0274 U	0.0243 U	0.0241 U
Hexachloroethane	67-72-1	mg/Kg	1.8		--	0.014 U	0.0124 U	0.0123 U
Isophorone	78-59-1	mg/Kg	570		--	0.0144 U	0.0128 U	0.0127 U
m,p-Cresol	1319-77-3MP	mg/Kg			--	0.0257 U	0.0228 U	0.0227 U
Naphthalene	91-20-3	mg/Kg	3.8		--	0.0116 U	0.0103 U	0.0102 U
Nitrobenzene	98-95-3	mg/Kg	5.1		--	0.0203 U	0.018 U	0.0179 U
N-Nitroso-di-n-propylamine	621-64-7	mg/Kg	0.078		--	0.00934 U	0.00829 U	0.00824 U
n-Nitrosodiphenylamine	86-30-6	mg/Kg	110		--	0.0139 U	0.0124 U	0.0123 U
o-Cresol	95-48-7	mg/Kg	3200		--	0.0223 U	0.0198 U	0.0196 U
Pentachlorophenol	87-86-5	mg/Kg	1		--	0.047 U	0.0417 U	0.0414 U
Phanthrene	85-01-8	mg/Kg			--	0.012 U	0.0106 U	0.0106 U
Phenol	108-95-2	mg/Kg	19000		--	0.0246 U	0.0218 U	0.0216 U
Pyrene	129-00-0	mg/Kg	1800		--	0.0108 U	0.00954 U	0.00948 U

Notes:

FS - Field Sample

FD - Field Duplicate

NA - Not analyzed / Not applicable

mg/Kg - milligrams per Kilogram.

H - High bias

J - The identification of the analyte is acceptable; the reported value is an estimate

K - Unknown bias

L - Low bias

Q - Detected below the quantitation limit

U - Analyte not detected

Value exceeds the detection limit for specific sample analyte

Highlighted value exceeds the Cleanup level for the specific sample analyte

